

**What is claimed is:**

1. A method for synchronizing data between a network server and a mobile device, comprising:

replicating an object instance in response to a replication request received from the network server;

creating a notification message;

sending the notification message to the mobile device in response to a polling request received from the mobile device; and

sending the replicated object instance to the mobile device in response to a synchronization request received from the mobile device.

2. The method of claim 1, wherein the replication request includes an object instance identifier and a mobile device identifier.

3. The method of claim 2, further comprising:

executing a remote function call in response to the replication request.

4. The method of claim 1, wherein said replicating the object instance includes:

requesting updated data associated with the object instance from the network server;

receiving the updated data associated with the object instance from the network server; and

storing the updated data associated with the object instance in a replica database.

5. The method of claim 4, wherein said requesting updated data includes executing a remote function call, including an object instance identifier, on the network server.

6. The method of claim 4, wherein said sending the replicated object instance to the mobile device includes sending only the updated data associated with the object instance to the mobile device.

7. The method of claim 5, further comprising:

sending a replication acknowledgement message to the network server in response to said storing the updated data.

8. The method of claim 1, wherein said replicating an object instance includes deleting the object instance from a replica database.

9. The method of claim 1, wherein said replicating an object instance includes adding a new object instance to a replica database.

10. A computer-readable medium including instructions adapted to be executed by at least one processor to implement a method for synchronizing data between a network and a mobile device, the method comprising:

replicating an object instance in response to a replication request received from the network server;

creating a notification message;

sending the notification message to the mobile device in response to a polling request received from the mobile device; and

sending the replicated object instance to the mobile device in response to a synchronization request received from the mobile device.

11. The computer readable medium of claim 10, wherein the replication request includes an object instance identifier and a mobile device identifier.

12. The computer readable medium of claim 11, wherein the method further comprises:

executing a remote function call in response to the replication request.

13. The computer readable medium of claim 10, wherein said replicating the object instance includes:

requesting updated data associated with the object instance from the network server;

receiving the updated data associated with the object instance from the network server; and

storing the updated data associated with the object instance in a replica database.

14. The computer readable medium of claim 13, wherein said sending the replicated object instance to the mobile device includes sending only the updated data associated with the object instance to the mobile device.

15. The computer readable medium of claim 13, wherein the method further comprises:

    sending a replication acknowledgement message to the network server in response to said storing the updated data.

16. The computer readable medium of claim 10, wherein said replicating an object instance includes deleting the object instance from a replica database.

17. The computer readable medium of claim 10, wherein said replicating an object instance includes adding a new object instance to a replica database.

18. A system for synchronizing data between a network server and a mobile device, comprising:

    a processor coupled to a network; and

    a memory, coupled to the processor, storing data and instructions adapted to be executed by the processor to:

        replicate an object instance in response to a replication request received from the network server;

        create a notification message;

        send the notification message to the mobile device in response to a polling request received from the mobile device; and

        send the replicated object instance to the mobile device in response to a synchronization request received from the mobile device.

19. The system of claim 18, wherein the replication request includes an object instance identifier and a mobile device identifier.

20. The system of claim 19, wherein the processor is further adapted to:

    execute a remote function call in response to the replication request.

21. The system of claim 18, wherein said replicate the object instance includes to:
- request updated data associated with the object instance from the network server;
  - receive the updated data associated with the object instance from the network server; and
  - store the updated data associated with the object instance in a replica database.
22. The system of claim 21, wherein said send the replicated object instance to the mobile device includes to send only the updated data associated with the object instance to the mobile device.
23. The system of claim 22, the processor is further adapted to:
- send a replication acknowledgement message to the network server in response to said store the updated data.
24. The system of claim 18, wherein said replicate an object instance includes to delete the object instance from a replica database.
25. The system of claim 18, wherein said replicate an object instance includes to add a new object instance to a replica database.